

In the Claims:

Please amend claims 1-8 as follows:

1. (Currently Amended) A compiler device to generate a code for performing a procedure call in a program, making use of an interface area that is dynamically allocated for each thread, ~~a dynamically and thread piece-wise allocated interface area~~ when a plurality of threads are processed in parallel.

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2. (Currently Amended) A compiler device comprising:
code generating means for generating a code for determining a leading address of an interface area that is dynamically allocated for each thread, ~~and a dynamically and thread piece-wise allocated interface area~~, and
code converting means for converting a reference to the interface area in a source program into a code for referencing the interface area ~~performing a reference~~ making use of the leading address determined by executing said code generated by said code generating means.

3. (Currently Amended) A compiler device of claim 2,
wherein said code generating means is constituted to generate a code for calling a library for determining the leading address of the interface area that is dynamically allocated for each thread, ~~dynamically and thread piece-wise allocated interface area~~.

4. (Currently Amended) A compiler device of claim 2,
wherein said code generating means is constituted to generate a code for
determining the leading address of the interface area designated, ~~based on a designation by a~~
user.

5. (Currently Amended) A computer-readable recording medium recorded
with a compiler program for causing a computer to realize a function to generate a code for
performing a procedure call in a program, making use of an interface area that is dynamically
allocated for each thread, ~~a dynamically and thread piece-wise allocated interface area when~~
a plurality of threads are processed in parallel.

6. (Currently Amended) A computer-readable recording medium recorded
with a compiler program for causing a computer to realize:
a code generating function for generating a code for determining a
leading address of an interface area that is dynamically allocated for each thread, ~~a~~
~~dynamically and thread piece-wise allocated interface area~~, and
a code converting function for converting: a reference to the interface
area in a source program into a code for referencing the interface area ~~performing a reference~~
making use of the leading address determined by executing said code generated by said code
generating function.

7. (Currently Amended) A computer-readable recording medium recorded with a compiler program of claim 6,

wherein said code generating function is constituted to generate a code for calling a library for determining the leading address of the interface area that is dynamically allocated for each thread. ~~dynamically and thread-piece-wise allocated interface area.~~

8. (Currently Amended) A computer-readable recording medium recorded with a compiler program of claim 6,

wherein said code generating function is constituted to generate a code for determining the leading address of an the interface area designated, ~~based on a designation~~ by a user.